## INTERNATIONAL SEARCH REPORT

A. CLA	SSIFIC	ATION O	F SUB	JECT	MATTER
TPC	7	R601 1	1/1	R i	MATTER

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  $IPC \ 7 \ B60L$ 

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUM	ENTS CONSIDERED TO BE RELEVANT	
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2001/053950 A1 (A0YAGI SATOSHI ET AL) 20 December 2001 (2001-12-20) page 4, paragraph 65-67; figures 1-6 abstract	1-9
Α	DE 101 61 965 A (PLUG POWER INC) 11 July 2002 (2002-07-11) column 5, line 33 - column 6, line 43; figures 1-3 abstract	1-9
A	EP 1 286 405 A (TOYOTA MOTOR CO LTD) 26 February 2003 (2003-02-26) column 2, line 27 - column 3, line 39 abstract	1-9

X Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
<ul> <li>Special categories of cited documents:</li> <li>"A" document defining the general state of the art which is not considered to be of particular relevance</li> <li>"E" earlier document but published on or after the international filling date</li> <li>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</li> <li>"O" document referring to an oral disclosure, use, exhibition or other means</li> <li>"P" document published prior to the international filing date but later than the priority date claimed</li> </ul>	<ul> <li>"T" later document published after the International filing date or priority date and not in conflict with the application but clied to understand the principle or theory underlying the invention</li> <li>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</li> <li>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</li> <li>"&amp;" document member of the same patent family</li> </ul>
Date of the actual completion of the international search  22 November 2004	Date of mailing of the international search report  · 30/11/2004
Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL - 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  Fax: (+31-70) 340-3016	Authorized officer Bronold, H

## INTERNATIONAL SEARCH REPORT

Interional Application No PCT/IB2004/002683

		PCT/1B2004/002683		
	ition) DOCUMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
A	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 03, 3 April 2002 (2002-04-03) & JP 2001 307758 A (TOYOTA MOTOR CORP), 2 November 2001 (2001-11-02) cited in the application abstract	1-9		

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information on patent family members

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